

What is claimed is:

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1. An electronic device incorporating a liquid crystal display which has an illuminating light source for a liquid crystal panel of the liquid crystal display; the illuminating light source comprising:
3-color light emitting diodes for producing three primary colors for additive color mixing; and
means for mixing rays from the 3-color light emitting diodes to produce white light.

2. A device according to claim 1 wherein the electronic device is a video camera, a digital camera, a head mounted display, a car navigation equipment, a personal computer, a mobile computer, a cellular phone or an electronic book.

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3. An electronic device incorporating a liquid crystal display which has an illuminating device for a liquid crystal panel of the liquid crystal display; the illuminating device comprising:
3-color light emitting diodes for producing three primary colors for additive color mixing; and
a scatterplate for scattering rays from the 3-color light emitting diodes to produce white light.

4. A device according to claim 3 wherein the electronic device is a video camera, a digital camera, a head mounted display, a car navigation equipment, a personal computer, a mobile computer, a cellular phone or an electronic book.

5. An electronic device incorporating a liquid crystal display comprising:

3-color light emitting diodes for producing three primary colors for additive color mixing in order to illuminate a liquid crystal panel of the liquid crystal display; and

control means for controlling the turn-on of the 3-color light emitting diodes.

6. A device according to claim 5 wherein the electronic device is a video camera, a digital camera, a head mounted display, a car navigation equipment, a personal computer, a mobile computer, a cellular phone or an electronic book.